

Some New Records of Insects on Molokai

BY O. H. SWEZEY

During the years of 1929 and 1930, at various meetings of the Society there was mention of the collecting of insects on Molokai, many of which were new records of their capture on that Island. For convenience of reference, these records are here segregated in systematic order. Unless otherwise stated the captures and records were by Mr. Swezey.

HYMENOPTERA

Silaon rohweri Bridwell.

Observed in the kiawe forest at Kanoa by F. X. Williams, May 31, 1929.

Notogonidea subtessellata (Smith).

This introduced wasp, parasitic on the field cricket, was observed not uncommon at Kanoa, May 31, 1929, by F. X. Williams.

Pseudogonatopus hospes Perkins.

One adult sugar cane leafhopper parasitized by this Chinese dryinid was observed at Kawela, Jan. 25, 1929.

Urosigalphus bruchi Crawford.

One specimen of this bruchid parasite collected at Kanoa, Jan. 25, 1929.

Glyptocolastes bruchivorus Crawford.

One specimen of this bruchid parasite collected at Kanoa, Jan. 25, 1929.

Telenomus nawai Ashmead.

Parasitized eggs of *Spodoptera mauritia* Boisd. found at Kaunakakai, March 19, 1930.

Bruchophagus funebris (How.).

One specimen swept from alfalfa, Kaunakakai, Jan. 25, 1929.

Scutellista cyanea Motsch.

Swept from pigeon peas at Kawela, Nov. 2, 1928.

Aneristus ceroplastae Howard.

Swept from alfalfa at Kaunakakai, Jan. 25, 1929.

Encyrtus infelix (Embleton).

Kaunakakai, March 23, 1929.

Anagyrus swezeyi Timb.

Reared from *Trionymus insularis* Ehr. on grass, Kanoa, Sept. 24, 1930.

Thysanus dactylopii (Ashmead).

Swept from Bermuda grass at Kawela, April 26, 1929.

Entedonine, species No. 104 of Timberlake's list in Proc. Haw. Ent. Soc., V, p. 441, 1924.

Reared from a cocoon of *Arachnoleter swezeyi* Cushman, collected at Kawela, April 26, 1929.

Ootetrastichus formosanus Timberlake.

Reared from eggs of the sugar cane leafhopper at Kawela, March 19, 1930.

Trichogramma minutum Riley.

Reared from eggs of *Spodoptera exigua* (Hüb.) at Kanoa, March 22, 1929.

COLEOPTERA

Bruchus sallaei Sharp.

Taken at light at Kaunakakai, Sept. 6, 1928, by Mr. Kutsunai.

Bruchus amicus Horn.

Swept from pigeon peas, Kawela, Nov. 2, 1928.

Bruchus limbatus (Horn).

Kawela, Jan. 25, 1929.

Caryoborus gonagra (Fab.).

On kiawe at Kaunakakai, Nov. 2, 1928.

Xylopsocus castanoptera (Fairm.).

Boring in stems of pigeon peas at Kawela, Nov. 2, 1928.

Lyctus brunneus (Steph.).

At light at Kaunakakai, Sept. 6, 1928, by Mr. Kutsunai.

Lyctoxylon japonum Reitter.

In dead kiawe at Kanoa, Nov. 2, 1928.

Colobicus parilis Pascoe.

Stuck in paint on building, Kanoa, Nov. 2, 1928.

Azya luteipes Muls.

Swept from pigeon peas, Kawela, Nov. 2, 1928.

Eucnoceris anthrenoides Sharp.

Kaunakakai, March 22, 1929.

Copris incertus var. **prociduus** (Say).

Abundant in and under cow dung at Mapulehu dairy, March 22, 1929.

Hister bimaculatus Linn.

In cow dung at Kaunakakai, August 6, 1929.

Dryophthorus homoeorhynchus Perkins.

In dead *Dracaena aurea*, Puu Kolekole, March 23, 1929.

Lagocheirus obsoletus Thoms.

At light, Mapulehu, Sept. 24, 1930.

LEPIDOPTERA

Erebus odora (Linn.).

Reported at Kaunakakai, by Mrs. Wight.

Maruca testulalis Geyer.

Reared from pigeon peas at Kawela, March 19, 1930; and a larva found in flower of *Sesbania grandiflora* at Mapulehu, March 20, 1930.

NEUROPTERA

Chrysopa lanata Banks.

At light, Kaunakakai, Sept. 6, 1928, by Mr. Kutsunai.

HEMIPTERA

Cyrtorhinus mundulus (Breddin).

On cane at Kaunakakai, Dec. 14, 1928, by Dr. Williams.

Draeculacephala mollipes (Say).

On sugar cane at Kawela, Jan. 25, 1929.

Aloha myoporicola Kirkaldy.

On *Myoporum sandwicense*, Kawela, 1500 feet, March 23, 1929.

Ilburnia leahi (Kirkaldy).

On *Lipochaeta lobata*, Kawela, 1000 feet, March 23, 1929.

Asterolecanium pustulans (Ckll.).

On kiawe, Kaunakakai, Nov. 2, 1928.

ORTHOPTERA

Cycloptiloides americanus (Sauss.).

Under stone, Kanoa, Oct. 27, 1930.

THYSANOPTERA

Haplothrips usitatus (Bagnall).

On several species of grass, and a few other plants, Kaunakakai, Kanoa and Kawela, Jan. 25, 1929.

STREPSIPTERA

Xenos auriferi Pierce.

Two *Polistes aurifer* Sauss. collected at Kanoa, Jan. 25, 1929, were parasitized by this insect. One of the wasps had an empty puparium of the male; the other contained a female parasite from which the young parasites were issuing and crawling about on the abdomen of the wasp.

ARACHNIDA

Latrodectes mactans (Fab.).

Under rocks, Kanoa, May 31, 1929, Dr. Williams.